

## EAST Search History

| Ref # | Hits   | Search Query                    | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|---------------------------------|---|------------------|---------|------------------|
| L1    | 363    | ghat\$.xa.                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/13 07:16 |
| L2    | 724    | 400/55-59.ccls.                 | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/04/13 07:43 |
| L3    | 363    | ghat\$.xa.                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/13 09:01 |
| L4    | 18     | L3 and L2                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/13 07:16 |
| L5    | 182    | 400/58.ccls.                    | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/04/13 07:43 |
| L6    | 220    | 400/59.ccls.                    | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/04/13 07:43 |
| L7    | 12     | 5 and 6                         | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/04/13 07:43 |
| L8    | 132032 | cam\$4 with (track or follower) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/13 09:13 |
| L9    | 32919  | (print adj1 head) or printhead  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/04/13 08:28 |
| L10   | 3383   | 9 near5 (ribbon or tape)        | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/04/13 08:30 |
| L11   | 4028   | 9 near7 (gap or adjust\$4)      | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/04/13 08:31 |

## EAST Search History

|     |       |   |   |    |     |                  |
|-----|-------|---|---|----|-----|------------------|
| L12 | 234   | 11 same cam\$3  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/04/13 08:31 |
| L13 | 44    | 12 and 10   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/04/13 08:32 |
| L14 | 15    | 13 and 8  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/04/13 08:32 |
| L15 | 994   | (400/279).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/13 09:13 |
| L16 | 788   | (400/235,223).CCLS.                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/13 09:26 |
| L17 | 29    | 11 and 15   | USPAT;<br>EPO; JPO  | OR | ON  | 2006/04/13 09:02 |
| L18 | 32    | 15 and ((tape or ribbon) near3<br>cassette)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/04/13 09:27 |
| L19 | 55741 | (tape or ribbon) near5 (advanc\$3 or<br>feed\$3 or fed) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/04/13 09:25 |
| L20 | 4473  | 19 near3 (length or distance or long)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/04/13 09:25 |
| L21 | 576   | (347/217).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/13 09:26 |

## EAST Search History

|     |        |   |   |    |     |                  |
|-----|--------|---|---|----|-----|------------------|
| L22 | 58     | (21 or 15 or 16) and 20   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/04/13 09:27 |
| S1  | 1      | ("4265551").PN.   | USPAT   | OR | OFF | 2006/04/12 16:41 |
| S2  | 363    | ghat\$.xa.  | USPAT;<br>EPO; JPO  | OR | ON  | 2006/04/12 16:41 |
| S3  | 13     | ("4350454"   "5284396"   "5533819"  <br>"5609426"   "5873662"   "5906444"  <br>"5975777"   "5993092"   "6036382"  <br>"6307583"   "6641314"   "6698955"  <br>"6753894").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/04/12 16:50 |
| S4  | 13     | ("4350454"   "5284396"   "5533819"  <br>"5609426"   "5873662"   "5906444"  <br>"5975777"   "5993092"   "6036382"  <br>"6307583"   "6641314"   "6698955"  <br>"6753894").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/04/12 17:08 |
| S5  | 32871  | (print adj1 head) or printhead  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/04/13 08:28 |
| S6  | 723    | 400/55-59.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/04/12 17:09 |
| S7  | 1479   | 400/55-59.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/04/12 17:09 |
| S8  | 2200   | S5 with cam\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/04/12 17:10 |
| S9  | 132003 | cam\$4 with (track or follower)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/04/13 08:28 |
| S10 | 668    | S8 and S9   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/04/12 17:10 |

## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S11 | 35    | S10 and S7  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/12 17:10 |
| S12 | 1     | ("5445460").URPN.   | USPAT   | OR | ON | 2006/04/12 17:28 |
| S13 | 43632 | cam\$4 with track   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/12 17:31 |
| S14 | 21039 | cam\$4 with rail  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/12 17:31 |
| S15 | 61009 | S13 or S14  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/12 17:31 |
| S16 | 2414  | S5 near5 (adjustment or adjustable or<br>adjusting or adjust) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/12 17:32 |
| S17 | 95    | S5 with S15   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/12 17:32 |
| S18 | 28    | S16 and S17   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/12 17:35 |
| S19 | 363   | ghat\$.xa.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/13 07:16 |

## EAST Search History

|     |    |             |   |    |    |                  |
|-----|----|-------------|---|----|----|------------------|
| S20 | 18 | S19 and S6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/13 07:16 |
| S21 | 8  | S20 and cam | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/12 17:38 |